

REPLACEMENT PAGE

Abstract of the Disclosure

A backtracking method, program and unit that involves a traceback computer program for tracking a denial-of-service attack on a victim machine, v , back toward the source of the denial-of service attack. The traceback program determines a set of routers that are upstream neighbors of v and determines which of those neighbors is the principal source of packets flowing to v . After determining the identity of the neighbor node, n , that is the principal source of packets flowing to v , the traceback program continues further upstream from n to determine the upstream neighbor of n that is the principal source of packets to v . After determining this upstream neighbor, the program continues further upstream until the source of the denial-of-service packets is determined.